



Advanced Training in Mathematics Schools

Supported by National Board for Higher Mathematics

Advanced Training School for Lecturers in Linear Algebra

Venue: Department of Mathematics, IIT Guwahati, Guwahati, Assam

5 - 17 July, 2010

Conveners: **Vinay Wagh & Anupam Saikia**

Brief description of ATM Schools

Advanced Training in Mathematics (ATM) Schools are a joint effort of a large number of mathematicians in the country for training mathematics research scholars and teachers with generous support from the National Board for Higher Mathematics. The programmes are conducted in reputed mathematics departments in Summer and Winter each year. In these Schools, the emphasis is on problems solving and on understanding inter-relations of basic subjects in mathematics. At the initial stage, ATM Schools consist of two Annual Foundation Schools (AFS I & II) in algebra, analysis, and topology. At a later stage, Advanced Instructional Schools (AIS) and workshops (ATMW) in all major areas are organised. Several advanced instructional schools (ATML) are organized each year exclusively for young lecturers in colleges and universities

ATM School for Lecturers in Linear Algebra

Brief description of the school

The proposed ATML is intended primarily for the college teachers in the North-East India. Starting with the basic concepts from Linear Algebra, more advanced topics will be introduced in a gradual manner. Emphasis will be on examples and exercises so that the participants develop a feeling for the subject. The tutorials in the afternoon session will complement the topics covered in the morning session, so that the key ideas are reinforced. Progress of each individual participant will be assessed by the tutors. Discussions and questions will be encouraged. The idea is to have more interaction between the resource persons and the participants.

Financial Support

Selected participants will be paid III-AC return train fare from their place of work/home town to the venue by the shortest route and provided with accommodation and local hospitality.

National Committee for the ATM Programme

Prof. J. K. Verma (Convener)	IIT Bombay
Prof. S. A. Katre	Pune U., Pune
Prof. S. Kesavan	IMSc, Chennai
Prof. Shobha Madan	IIT Kanpur
Prof. N. Nitsure	TIFR, Mumbai

Eligibility for participation

Applications are invited from lecturers in mathematics who have passed NET/SET or equivalent examination and who are teaching at a college/university. Students doing M. Phil. may also be considered for the school. Teachers below the age of 30 will be given preference.

How to Apply

The syllabus, applications form and other information about the programme is available on the website:

<http://www.bprim.org/atm>

Application may also be made on plain paper, giving the following information:

Name, Date of Birth, Age, Gender, Institute/Department, Areas of Interest, Address for Correspondence, Email Address, City, State, Pin-code, Academic Record: B.Sc./M.Sc. with Names of the Institutes and Additional Information (if any). These should be attested by Head/Principal of the institute.

Completed application forms should reach

Vinay Wagh & Anupam Saikia
Coordinators, ATML
Department of Mathematics, IIT Guwahati,
Guwahati, Assam, PIN: 781 039

Phone:

(O): 0361 2582623 (V. Wagh), 0361 2582616 (A. Saikia)
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email: vinay.wagh@iitg.ernet.in, a.saikia@iitg.ernet.in

by **Monday, 31st May, 2010**. List of selected candidates will be posted on the websites of ATM Schools on **Saturday, 5th June, 2010**.

Resource persons

S M Garge	IIT Bombay
K D Joshi	IIT Indore
D P Patil	IISc, Bangalore
P Saikia	NEHU, Shillong
Vinay Wagh	IIT Guwahati

Unity of Mathematics Lectures
Ravi Rao, TIFR, Mumbai